

<div>PROJECT DESCRIPTION</div> <div>GENERAL</div> <div>THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL TO ADD A VIDEO DETECTION CAMERA AT THE INTERSECTION OF MD 7 (CECIL AVENUE) AND MD 272 SOUTHBOUND IN CECIL COUNTY. MD 7 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.</div> <div>INTERSECTION OPERATION</div> <div>THE INTERSECTION OPERATION WILL REMAIN THE SAME.</div> <div>CONTROLLER REQUIREMENTS</div> <div>THE EXISTING POLE MOUNTED CABINET AND CONTROLLER WILL BE USED.</div>	<div>EQUIPMENT LIST "A"</div> <div>A. EQUIPMENT TO BE SUPPLIED BY THE SHA</div> <table><tr><th>ITEM NO.</th><th>QUANTITY</th><th>DESCRIPTION</th></tr><tr><td colspan="3">NO EQUIPMENT TO BE SUPPLIED BY SHA.</td></tr></table>	ITEM NO.	QUANTITY	DESCRIPTION	NO EQUIPMENT TO BE SUPPLIED BY SHA.			<div>EQUIPMENT LIST "B"</div> <div>B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR</div> <table><tr><th>CATEGORY CODE NO.</th><th>QUANTITY</th><th>DESCRIPTION</th></tr><tr><td>120560</td><td>1 EACH</td><td>MAINTENANCE OF TRAFFIC</td></tr><tr><td>816005</td><td>2 EACH</td><td>INSTALL 250 FT. VIDEO DETECTION CAMERA TO CONTROLLER</td></tr><tr><td>816001</td><td>2 EACH</td><td>VIDEO DETECTION CAMERA</td></tr><tr><td>860270</td><td>6 EACH</td><td>8 IN. VEHICULAR TRAFFIC SIGNAL HEAD SECTION</td></tr><tr><td>860272</td><td>44 EACH</td><td>12 IN. VEHICULAR TRAFFIC SIGNAL HEAD SECTION</td></tr><tr><td>860278</td><td>16 EACH</td><td>12 IN. PEDESTRIAN SIGNAL HEAD SECTION - POLE MOUNT</td></tr><tr><td>860282</td><td>16 EACH</td><td>12 IN. PEDESTRIAN SIGNAL HEAD SECTION - PEDESTAL POLE MOUNT</td></tr><tr><td>800000</td><td>LUMP SUM</td><td>REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT</td></tr><tr><td>861105</td><td>350 L.F.</td><td>ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 A.W.G.)</td></tr><tr><td>861106</td><td>700 L.F.</td><td>ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 A.W.G.)</td></tr><tr><td>861107</td><td>300 L.F.</td><td>ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)</td></tr><tr><td>861108</td><td>220 L.F.</td><td>ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)</td></tr></table>	CATEGORY CODE NO.	QUANTITY	DESCRIPTION	120560	1 EACH	MAINTENANCE OF TRAFFIC	816005	2 EACH	INSTALL 250 FT. VIDEO DETECTION CAMERA TO CONTROLLER	816001	2 EACH	VIDEO DETECTION CAMERA	860270	6 EACH	8 IN. VEHICULAR TRAFFIC SIGNAL HEAD SECTION	860272	44 EACH	12 IN. VEHICULAR TRAFFIC SIGNAL HEAD SECTION	860278	16 EACH	12 IN. PEDESTRIAN SIGNAL HEAD SECTION - POLE MOUNT	860282	16 EACH	12 IN. PEDESTRIAN SIGNAL HEAD SECTION - PEDESTAL POLE MOUNT	800000	LUMP SUM	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT	861105	350 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 A.W.G.)	861106	700 L.F.	ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 A.W.G.)	861107	300 L.F.	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)	861108	220 L.F.	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)
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<div>MAINTENANCE OF TRAFFIC</div> <div>THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.</div> <div>STANDARD NO. MD-104.00 - 104.00-30</div> <div>STANDARD NO. MD-104.44-01 (LEFT LANE CLOSURE)</div> <div>STANDARD NO. MD-104.45-01 (RIGHT LANE CLOSURE)</div> <div>STANDARD NO. MD-104.48-01 (INTERSECTION TURN BAY LANE CLOSURE)</div>	<div>EQUIPMENT LIST "C"</div> <div>C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA</div> <div>ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR</div>																																														
<div>PROJECT CONTACTS</div> <div>THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:</div> <div>MR. ROBERT KIEL ASSISTANT DISTRICT ENGINEER - TRAFFIC PHONE: (410) 810-3240</div> <div>MR. BARRY CLOTHIER DISTRICT UTILITY ENGINEER PHONE: (410) 810-3275</div> <div>MR. TERRY WRIGHT ASSISTANT DISTRICT ENGINEER - MAINTENANCE PHONE: (410) 810-3250</div> <div>MR. RICHARD L. DAFF, SR. CHIEF, TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630</div> <div>MR. EDWARD RODENHIZER SHA - SIGNAL SHOP PHONE: (410)-787-7652</div>	<div>PHASE CHART</div> <div>THE INTERSECTION OPERATION WILL REMAIN THE SAME.</div>																																														
<div>WIRING DIAGRAM</div> <div>MD 7 AND MD 272 SOUTHBOUND</div> <div>MD 7 AND MD 272 NORTHBOUND</div> <div></div>																																															
<div><div><div><div>WR&A</div><div>Whitman, Reardon and Associates, LLP</div><div>801 South Caroline Street Baltimore, Maryland 21231 (410) 235-3450</div></div><div><div>DRAWN BY: S.BLOSS</div><div>CHECKED BY: N. LEARY</div><div>SCALE: NONE</div><div>DATE: 1/27/2003</div></div></div><div><div>MARYLAND DOT - STATE HIGHWAY ADMINISTRATION</div><div>Office of Traffic & Safety</div><div>TRAFFIC ENGINEERING DESIGN DIVISION</div><div>GENERAL INFORMATION SHEET</div><div>MD 7 (CECIL AVE.) AND MD 272 SB (MAIN ST)</div></div><div><div>DRAWN BY: S.BLOSS</div><div>CHECKED BY: N. LEARY</div><div>SCALE: NONE</div><div>DATE: 1/27/2003</div></div><div><div>F.A.P. NO.</div><div>S.H.A. NO. CE7895184</div><div>COUNTY: CECIL</div><div>LOG MILE:</div></div><div><div>TS. NO. 130F</div><div>T.I.M.S. NO. F600</div><div>SHEET NO. 112 OF</div></div></div>																																															